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BUREAU OF LAND MANAGEMENT MONTHLY ALERT

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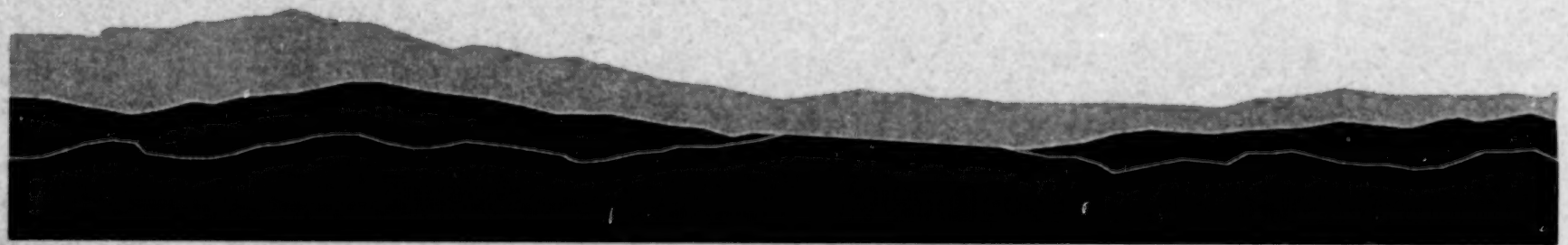

COMPLETED

About the MONTHLY ALERT...

Forestry Topics

1. Forests and Forestry
General treatments of the subject; forestry and society; topical issues; education; agency annual reports.

2. Forest Operations
a. Silviculture: silvicultural systems; economics; stand improvement; measurement; operations management; natural and artifical regeneration, genetics.
b. Engineering: road construction; protective works; logging; equipment.

3. Forest Injury and Protection
Insect damage and control; pesticide applications; insect and disease surveys; forest pathology.

4. Fire Management
All aspects, including presuppression, prevention education, behavior; fire weather.

5. Watershed Management, with Soil and Site Factors
Hydrology; runoff; sedimentation; erosion; climatology; meteorology; habitat regions; precipitation.

6. Range and Wildlife Management

7. Forest Recreation

8. Forest Products Research
Wood technology and utilization; markets and marketing; forest products industries.

Allied Topics

9. Life Sciences
Plant and animal ecology; botany; environmental quality; biochemistry; zoology; physiology; animal genetics.

10. Computer Science, Statistics and Mathematics

11. Social Sciences
Environmental policy; regional planning; landscape analysis and planning; behavioral psychology; personnel management; office procedure and management.

12. Other Topics

The citations listed in this **Alert** are arranged in broad topical categories. This permits browsing by subject interest.

The **Species Index** and the **Subject Index** on the following pages identify individual citations by narrower, specific topics, e.g., management treatments, problem areas, and geographic locations.

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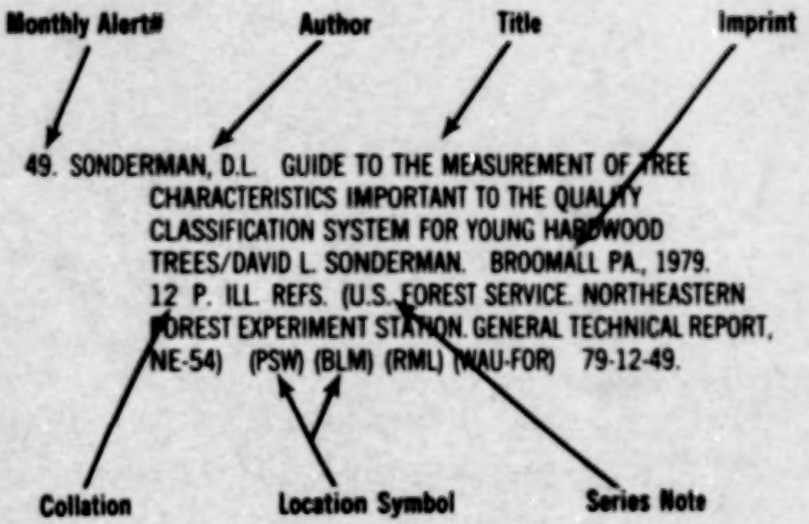
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49. SONDERMAN, D.L. GUIDE TO THE MEASUREMENT OF TREE CHARACTERISTICS IMPORTANT TO THE QUALITY CLASSIFICATION SYSTEM FOR YOUNG HARDWOOD TREES/DAVID L. SONDERMAN. BROOMALL PA., 1979. 12 P. ILL. REFS. (U.S. FOREST SERVICE. NORTHEASTERN FOREST EXPERIMENT STATION. GENERAL TECHNICAL REPORT, NE-54) (PSW) (BLM) (RML) (WAU-FOR) 79-12-49.
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Most items listed in each ***Monthly Alert*** are reprints of current journal articles or research papers. They are sent to you at your office without charge upon receipt of your order (see inside back cover). Books and other large documents will be loaned to you for a specific period of time. Those items available for loan only are identified by a • beside the item in the citation.

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BLM-ALERT!

BLM's Management Alert section is available in this month's issue.

010. FORESTRY--GENERAL

1. Atterbury, T. Resource issues in the northwestern United States. The Consultant; Vol. 35, no. 4 (fall 1990): p. 14-16.

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111. Gasson, P. E.; Cutler, D. F. Tree root plate morphology. Arboricultural journal: Vol. 14, no. 3 (Aug. 1990): p. 193-264.

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081. MYCOLOGY/PATHOLOGY

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082. INSECTS

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103. GEOLOGY/MINERAL RESOURCES

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111. SYSTEMATIC ZOOLOGY

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113. AQUATIC ANIMALS

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115. ANIMAL ECOLOGY

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G001. (40)Ar/(39)Ar thermochronology of fracture-controlled mineral deposits of the Idaho Batholith; age, thermal history, and origin.
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Desborough-George-A; Raymond-William-H; Evans-Karl-V
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G004. Biogeochemical and geochemical expression of poorly exposed epithermal mineralization in the southeastern Challis volcanic field, Idaho.
Erdman-James-A; Moye-Falma-J; Theobald-Paul-K
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G009. Geology and gold deposits of the Oatman District, northwestern Arizona.
DeWitt-Ed; Thorson-Jon-P; Smith-Robert-C
U. S. Geol. Surv., United-States; U. S. Geol. Surv., United-States; Exxon, United-States; Auburn Univ., United-States; Exxon Co., United-States; Consultant, United-States
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Peters-E-Kirsten
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G014. Regional aeromagnetic and gravity data bases for studies centered on the Idaho Batholith and Challis volcanic field.
McCafferty-Anne-E; Bankey-Viki
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G016. Synthesis of geophysical and geological data centered on the Idaho Batholith and the Challis volcanic field, Idaho.
Cady-John-W; Bankey-Viki; Lee-Keenan; McCafferty-Anne-E; Pitkin-James-A; Stanley-W-D
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G017. Tourmalinite and iron-formation in the Yellowjacket Formation, Idaho cobalt belt, Lemhi County, Idaho.
Modreski-Peter-J; Connor-Jon-J
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PETROLEUM/PETROLEUM ENGINEERING

G018. Beneath the Precambrian Belt in the deepest well ever drilled in Montana.
Peterson-Chris-H; Nims-Robert-C
Unocal Corp., Oklahoma City, OK, United-States
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G019. Breaking into Bakken potential on the Fort Peck Reservation, north-eastern Montana.
Monson-Lawrence-M; Lund-Duane-F
Miner. Resour., Fort Peck Tribes, Polar, MT, United-States
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G020. Can seismic character identify lithologies associated with Bluell and Sherwood shorelines and shoals?.
Johnson-Eric-H
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G021. Cenozoic pull-apart basins in Southwest Montana.
Ruppel-Edward-T
Mont. Bur. Mines and Geol., Butte, MT, United-States
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G022. Coalbed methane production potential of the Rock Springs Formation, Great Divide Basin, Sweetwater County, Wyoming.
Young-G-B-C; McElhiney-J-E; Dhir-R; Mavor-M-J; Anbouba-I-K-A
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G024. Frontiers, mature areas share onshore spotlight in Lower 48.
Petzet-G-Alan
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G025. Recurrent faulting and petroleum accumulation, Cat Creek Anticline, central Montana.
Nelson-W-John
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G026. Reservoir characteristics of Putnam Zone (Silurian Interlake Formation) lithofacies, southwestern Williston Basin.
Inden-Richard-F; Oglesby-Chris; Byrnes-Alan; Cluff-Bob
LSSI, Denver, CO, United-States; Bass Enterpr., United-States; Geocore, United-States; Discovery Group, United-States
Anonymous. AAPG Rocky Mountain Section meeting; abstracts. AAPG-Bulletin. 75. (6). p. 1128-1129
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G027. San Juan Basin coal-bed methane well completion techniques.
Mavor-Matt
Resour. Enterp., Salt Lake City, UT, United-States
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G028. Silo Field, Laramie County, Wyoming; a guide for future fractured Niobrara production.
Sonnenberg-S-A; Weimer-R-J
Consultant, Denver, CO, United-States
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G029. Stratigraphic and structural relations of Lower Triassic rocks within the frontal fold-and-thrust zone of southwestern Montana.
Paull-Rachel-K; Paull-Richard-A
Univ. Wis.-Milwaukee, Milwaukee, WI, United-States
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G030. Summary of oil and gas drilling activities in Utah, 1989-1990.
Laine-Michael-D; Chidsey-Thomas-C
Utah Div. Oil, Gas and Min., Salt Lake City, UT, United-States; Utah Geol. and Miner. Surv., United-States
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G031. Williston Basin oil exploration; past, present, and future.
Jennings-Arnold-H
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G032. Kinematic analysis of the San Juan thrust system, Washington.
Maekawa-Hirokazu; Brown-Edwin-H
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Turko-Julianne-M; Knuepfer-Peter-L-K
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G034. Lower Jurassic unconformity (J-0) from the Colorado Plateau to the eastern Mojave Desert; evidence of a major tectonic event at the close of the Triassic.
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South. Ill. Univ., Dep. Geol., Carbondale, IL, United-States
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Subject coverage of the Management Alert generally will touch on the following topics.

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